

ABSTRACT OF THE DISCLOSURE

A coated body including a substrate and a hard coating disposed on the substrate. The hard coating has (a) a surface smoothed to have a roughness with maximum height R_z of not larger than $1.2\text{ }\mu\text{m}$, and (b) recesses each of which has a size of $0.5\text{-}6.0\text{ }\mu\text{m}$ and is formed in the surface.